

ROHM AND HAAS - KANKAKEE POLYMER PLANT  
KANKAKEE, ILLINOIS

**Rohm and Haas - Kankakee Polymer Plant of Kankakee, Illinois** is a manufacturer of water based (latex) emulsion polymers. The facility participates in the Responsible Care program and is a member of the Illinois Partners in Pollution Prevention program.

#### ENVIRONMENTAL PERFORMANCE

##### *Past Accomplishments*

Rohm and Haas has demonstrated its commitment to environmental performance in the areas of waste and VOC emissions. Since 1997, the facility has:

- **Reduced waste** by 55% through changes in the manufacturing process.
- **Reduced emissions of VOCs** by 64% through reducing residual VOCs in one finished product by changing product composition.

##### *Future Commitments*

Rohm and Haas also committed to continued environmental improvement through reductions in waste, hazardous materials, and water and energy use. By 2003, the facility will:

- **Reduce solid waste** from the transport of organic peroxide by 96% through converting to a bulk shipping system and reducing or eliminating the use of small non-recyclable containers.
- **Reduce hazardous materials use** in the water treatment process by changing to another process that does not require the acid and base currently used.
- **Reduce water use** for back-flushing the plant utility system by 42% through switching from a manual system to a more efficient system that will employ new instrumentation and control logic.
- **Reduce energy use** from 500,000 to 0 BTU per year through installing piping and equipment to collect the condensate from a steam/process fluid heat exchanger. This will also reduce plant water and boiler chemical usage.

#### COMMUNITY OUTREACH

Rohm and Haas's Kankakee Plant sponsors a Community Advisory Panel (CAP) which is used extensively to identify community concerns. The panel consists of neighbors, community responders, and other individuals. It routinely meets with plant management personnel. The CAP is the primary way important community matters are communicated to the public. The plant holds open houses and participates in the local emergency preparedness committee. Also, brochures containing information

##### **AT A GLANCE**

Industry Sector:	2821
Business:	Manufactures water based (latex) emulsion polymers
Facility Employees:	50-99
Accomplishments:	Reduced waste Reduced emissions of VOCs
2003 Commitments:	Reduce solid waste Reduce hazardous materials use Reduce water use Reduce energy use
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Web Site:	www.rohmhass.com

about the plant are distributed to the community at open houses and other public events. The Performance Track Annual Performance Report will be available at the annual CAP presentation.